

**REMARKS**

Claims 1-5 are all the claims pending in the application.

The Applicants thank the Examiner for the suggestions made during the interview dated April 5, 2005. Accordingly, for a speedier prosecution of the case, the Applicants amend the base claims to recite clearly that the motor main body and the reduction gear main body are located in an atmosphere outside of the vacuum chamber.

The combined teachings of Ayers, Nakai, and Koaizawa do not suggest the inventive combination of claims 1 and 3, including the motor main body and the reduction gear main body being placed outside the vacuum chamber.

The Examiner incorrectly refers to Fig. 20 for an alleged support of the above teaching. However, the Examiner is believed to be completely mischaracterizing the teachings of Koaizawa. Nowhere in Koaizawa is a vacuum chamber suggested. The Examiner appears to be reading the vacuum chamber on item 2 with the chamber 2a. However, item 2 in Fig. 20 is a furnace. A constant stream of gases flow through this chamber as shown by the inlet and outlet arrows. The Specification of Koaizawa mentions several gases including Ar, He, O<sub>2</sub>, Cl<sub>2</sub>, etc, that flow through the furnace. In other embodiments shown in Figs. 2-9 of Koaizawa, the structure is no different. Specifically, in no embodiment of Koaizawa does the furnace comprise a vacuum chamber.

So the combined teachings of Ayers, Nakai and Koaizawa do not suggest the reduction gear main body and the motor main body being located outside of the vacuum chamber.

AMENDMENT UNDER 37 C.F.R. § 1.116  
U.S. Patent Application No.: 10/660,652


Attorney Docket No.: Q77465

Claims 2, 4 and 5 depend on the above base claims and are allowable at least for the same reasons.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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